

Holds a B. Sc. in Electrical Engineering and has about 7 years hands-on experience in testing and protection of substations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/02/1981
Gender : Male
Marital Status : Single
Residence : El-America

EDUCATION

: B. Sc. in Electrical Engineering, Ain Shams University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : ICDL certificate.
- : EGEMAC Company (testing of Current transformer & voltage transformer), during the academic education.
- : Training courses at Network Training Center, Ministry of Electricity:
 - Instrument Devices & Power Measurement (P1).
 - Protection Fundamental (P2).
 - Bus bar protection (P4A).
 - Feeder protection (P4C).
- : OMICRON Training Courses in GERMANY:
 - Ground Impedance & Step and Touch Voltage Measurements with CPC100 + CP CU1.
 - Line Impedance & K Factor Measurements with CPC100 + CP CU1.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2004 till now
Employer : Egyptian Electricity Transmission Co.

- Job title** : Protection Engineer
- Job Description** :
- Member of commission in EETC, that makes accurate programming specifications and selects the suitable setting for digital relays in the Egyptian Network, such as:
 - Areva: Micom P442, P437, P543, P632, P122, P126, P127, P111.
 - ABB: SPAD340c, SPAF140c, SPAJ 340c, RET541, REF541, REJ525.
 - Siemens: 7SA511, 7SA513, 7SA611, 7UT512, 7UT612, 7SJ6005, 7VK512.
 - GE: Mif 2, D60, F60.
 - Testing most of the protective Relays in the electrical substations in the Egyptian Network, such as:
 - Distance.
 - Over current.
 - Earth fault.
 - Differential protection of transformer & B.B.
 - Restricted E.F.
 - Breaker failure.
 - Line differential.
 - Synchro-check.
 - Auto reclosure.
 - Load shedding.
 - Familiar with all software for most protective relays, such as:
 - Areva: Micom s1 ver. 2.14
 - ABB: cap540 , cap2_316, cap501
 - Siemens: digsi 4.71
 - GE: Enervista
 - Ability for analysis disturbance & event recorder.
 - Ability of testing the protective relays by the famous testers, such as:
 - OMICRON Test Universe 1.61
 - ISA
 - Manta
 - Member of operation group for setting calculations in EETC.
 - Member of commissioning group for Nubaria substation 500/220/66/11KV, Cairo 500KV substation, etc.